

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First  
Named  
Inventor: John Simon Kroll

Serial No.: 10/537,976 Examiner: Nina Archie

Filing  
Date: December 27, 2005 Group Art Unit: 1645

Title: ACTINOBACILLUS  
PLEUROPNEUMONIAE  
VIRULENCE GENES Confirmation No.: 1346

**TRANSMITTAL**

The following correspondence is being sent electronically to:

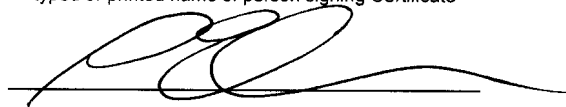
M.S. – Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on

July 16, 2007  
Date

Paul E. Rauch, Ph.D., Registration No. 38,591

typed or printed name of person signing Certificate

A handwritten signature in black ink, appearing to be 'Paul E. Rauch', written over a horizontal line.

1. Restriction Response.

**No Fee Due** - - The Commissioner is authorized to charge any required fees **not covered by credit card payment** or credit any overpayment to Deposit Account Number 50-3123.

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